

New Mexico - (Field Office)

FY 2003 Livestock Manure Management Concern - Ranking Criteria Worksheet

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____

____ Tribal Land ____ Non-Tribal Land Facility Status: A ____ B ____ or C ____ (see bottom of sheet)

1. Distance to Surface Water or Well - 10 Potential Points

		Points	Benchmark	After
Determine the shortest distance from the livestock facility to the nearest downstream surface water or any well. Surface water may include a perennial or intermittent stream, river, lake, pond, irrigation canal, or wetland.	<100 Ft.	10	0	
	101-250 Ft.	7	0	
	251-500 Ft.	5	0	
	501-1,320 Ft.	3	0	
	>1,320 Ft.	0	0	

2. Depth to Seasonal Water Table - 10 Potential Points

		Points	Benchmark	After
Determine the least distance from the ground surface to the top of the seasonal water table or aquifer at the livestock facility. Use information from on-site investigations, soil surveys, well completion reports, producer information, etc.	<10 Ft.	10	0	
	11-50 Ft.	7	0	
	51-100 Ft.	5	0	
	101-200 Ft.	3	0	
	>200 Ft.	1	0	

3. Monitoring Well Nitrate Contamination - 15 Potential Points

		Points	Benchmark	After
Determine level of nitrate contamination based on analyses for monitoring wells located hydrologically down-gradient from livestock facility and/or manure application field.	0-5 ppm	15		
	5-9 ppm	12		
	10-15 ppm	8		
	15-20 ppm	4		
	>20 ppm	1		

4. Status of Current Manure Facility/Operation - 30 Potential Points

See instructions on next page.		Max. Points	Benchmark	After
Collection and Transport	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	1		
Storage and Treatment	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	1		
Seepage	Adequate	10		
	Exists, inadequate	5		
	Nonexistent	1		

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5. Manure Utilization (On-Site Land Application A through D - Maximum 35 Points) OR (Off-Site Land Application and Other Manure Utilization E - Maximum 35 Points)

See instructions on next page.						Max. Points	Benchmark	After
Extra High = 0 Pts High = 2 Pts Med. = .4 A. Animal Density Status/Change Pts Low = 5 Pts						5		
B. Phosphorus Risk (Current/Planned)	Very High 0 point	High 2 Points	Medium _3_Points	Low _4_Points	Very Low 5 points	5		
C. Potential for Leaching		Yes = 0 Points No = 5 Points				5		
D. Irrigation Efficiency (Use FIRS to evaluate)		% of Area in Contract (present condition)		% of Area in Contract (planned condition)		Max. Points	Benchmark	After
1-20%						0		
21-30%						3		
31-40%						6		
41-50%						9		
51-60%						12		
61-70%						15		
71-80%						18		
>80%						20		
OR								
E. Evaporative System		Inadequate - 0 points		Adequate - 35 points		35		
						Total After Points		
						minus Total Benchmark Pts		
						equals Total Pts for Ranking		
Designated Conservationist _____				Date _____				
A - Existing facility needing improvements B - Expansion of existing facility C - Development of new facility								